



Computing Champion

Intent	<p>At Ormskirk West End Primary School, we aim to develop our pupil's knowledge and giving them an understanding of the impact of technology on their world and their future. It is now more important than ever that children understand how to use technology positively, responsibly and safely, and that they see good models of this. We will ensure pupils use technology to its full potential, developing the skills necessary for them to use information in an effective way know how to use it safely and have confidence to seek guidance when needed. To develop our children's coding skills and understanding, giving them a firm foundation for their future experiences, careers and aspirations. By the time they leave Ormskirk West End Primary, children will have gained key knowledge and skills in the three main strands of the National Curriculum for Computing (2014). These strands are: computer science (programming and understanding how digital systems work), information technology (using computer systems to create, store, retrieve and send information) and digital literacy (evaluating digital content and using technology safely and respectfully).</p>
Implement	<p>Freedom for teachers to develop and adapt computing units within the framework of the progression map leads to rich links with engaging contexts in other subjects and topics, while still ensuring systematic coverage of objectives.</p> <p>In response to parent and pupil views, we have purchased new coding software Espresso Coding, which has started to be used in each class with great success. We will invite computing specialists, such as Rob Musker, into school to develop both pupils and staff skills, show casing new software available and updates in regards to Online Safety. We aim to create inspiring lessons/clubs and visits such as Liverpool One Apple Shop for KS2 to explore and tinker with new apps. Within KS2, pupils will move towards using Scratch. As children use this coding software, they learn to think creatively, work collaboratively and reason systematically. We have developed a tinkering area within our suite which will allow pupils to building upon key BareFoot approaches such as collaboration, debugging and resilience.</p>
Impact	<p>Our approach to the curriculum results in a fun, engaging, and high-quality computing education. We aim to increase pupil involvement in computing in school and at home, encourage positive dialogue and respect between adults and pupils with regards to Online Safety. Pupils and staff will both become more confident in their own coding abilities, using various platforms to exceed and progress well. From safer research methods, use of presentation and creative tools and critical thinking, we aim to provide children the foundation blocks for the next stage of their interests in computing. Much of the subject-specific knowledge developed in our computing lessons equip pupils with experiences which will benefit them in secondary school, further education and future workplaces. Our children use a variety of computing skills across the curriculum, further supporting our commitment to equipping our children for the new, digital world.</p>



ORMSKIRK WEST END PRIMARY SCHOOL